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Filter for a display device - comprises a single or multi-layer anti-reflection film provided on a plastic substrate

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 10026701	A	19980127	JP 96180920	A	19960710	G02B-001/10	199814 B

Priority Applications (No Type Date): JP 96180920 A 19960710

Patent Details:

Patent	Kind	Lan	Pg	Filing	Notes	Application	Patent
JP 10026701	A		9				

Abstract (Basic): JP 10026701 A

Filter for a display device, comprising a plastic substrate, and single or multi-layer anti-reflection film provided on the plastic substrate; where the anti-reflection film is coated with a surface reforming film of an alkoxy silane compound of formula,  $RfCOXR1Si(OR2)2$  where  $Rf$  = fluoroalkyl or perfluoropolyether group;  $X$  = linking atom or linking atomic group;  $R1$  = carbon atom chain containing alkylene group;  $R2$  = alkyl or carbon atom chain containing alkyl.

USE - The filter is useful for a display device such as CRT.

ADVANTAGE - The filter has anti-reflection property which has resistance to dirt, scratch and processing.

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Title Terms: FILTER; DISPLAY; DEVICE; COMPRISE; SINGLE; FILM; PLASTIC;  
SUBSTRATE

Derwent Class: A85; E11; L03; P81; V05

International Patent Class (Main): G02B-001/10

International Patent Class (Additional): C08G-065/32; G02B-001/11

File Segment: CPI; EPI; EngPI

Manual Codes (CPI/A-N): A12-E11A; A12-L03D; E05-E02D; L03-G02; L03-G05

Manual Codes (EPI/S-X): V05-D01B; V05-D07C3C

Chemical Fragment Codes (M3):

\*01\* B414 B713 B720 B741 B831 H581 H582 H583 H6 H601 H608 H609 H681 H682  
H683 H684 H685 H689 J011 J271 J290 J371 L463 L471 L472 L660 M210  
M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226  
M231 M232 M233 M272 M283 M311 M312 M313 M314 M315 M316 M321 M322  
M323 M331 M332 M333 M334 M340 M342 M343 M344 M349 M361 M362 M381  
M383 M391 M392 M393 M411 M510 M520 M530 M540 M620 M781 M903 M904  
Q130 Q454 R043 9814-D0301-U

Polymer Indexing (PS):

<01>  
\*001\* 018; P0884 P1978 P0839 H0293 F41 D01 D11 D10 D19 D18 D31 D50 D63  
D90 E21 E00; S9999 S1285-R  
\*002\* 018; ND01; Q9999 Q9450 Q8264; Q9999 Q7512; B9999 B4422 B4400 B4240;  
B9999 B3485-R B3372; B9999 B3816 B3747; B9999 B3623 B3554; N9999  
N7136 N7034 N7023; K9949; B9999 B5436 B5414 B5403 B5276; B9999  
B5447 B5414 B5403 B5276; K9610 K9483; K9574 K9483; K9687 K9676;  
K9701 K9676; K9676-R; K9712 K9676; B9999 B5243-R B4740; B9999 B4397

B4240; K9870 K9847 K9790; N9999 N7090 N7034 N7023; N9999 N7147  
N7034 N7023; N9999 N7045 N7034 N7023

<02>

\*001\* 018; D69 F- 7A; P0964-R F34 D01; S9999 S1627 S1605; M9999 M2391;  
M9999 M2777

\*002\* 018; ND01; Q9999 Q7114-R; Q9999 Q9450 Q8264; Q9999 Q7512; K9610  
K9483; K9574 K9483; K9687 K9676; K9676-R; K9701 K9676; K9712 K9676;  
B9999 B4422 B4400 B4240; B9999 B5094 B4977 B4740; B9999 B3485-R  
B3372; B9999 B3816 B3747; B9999 B3623 B3554; B9999 B3678 B3554;  
N9999 N5890 N5889; N9999 N6804-R N6655; N9999 N7147 N7034 N7023;  
B9999 B5630 B3510 B3372; N9999 N7045 N7034 N7023; N9999 N6780-R  
N6655; N9999 N6860 N6655

\*003\* 018; Si 4A; H0157

\*004\* 018; R00270 D01 D11 D10 D50 D81 F27 F26; R00272 G1525 D01 D11 D10  
D50 D83 F23; R01704 D00 D60 H- C1 7A; A999 A475; B9999 B5572-R;  
A999 A771

Generic Compound Numbers: 9814-D0301-U